

Table 22.15
Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2007-2011			SEER 13 Areas ^b Trend 2002-2011 ^c			SEER 9 Areas ^b Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.3	14.0	10.9	0.6	1.0	0.4	0.7	0.9	0.6
White	12.2	14.0	10.7	0.6	0.8*	0.4	0.5	0.7	0.5
White Hispanic ^e	11.5	12.6	10.6	0.7*	1.1*	0.2	-	-	-
White Non-Hispanic ^e	12.3	14.2	10.8	0.6	0.8*	0.5	-	-	-
Black	15.6	17.2	14.2	0.6	-0.3	-0.2	-0.1	-0.4*	0.1
Asian/Pacific Islander	9.7	10.7	8.9	0.7*	0.1	1.2*	-	-	-
Amer Ind/Alaska Nat ^f	10.7	12.6	9.1	-	-	-	-	-	-
Hispanic ^e	11.1	12.2	10.2	0.6*	1.1*	0.2	-	-	-
U.S. Mortality ^g									
	Rate 2007-2011			Trend 2002-2011 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	10.9	12.5	9.6	0.3*	0.3*	0.4*			
White	10.8	12.5	9.4	0.5*	0.4*	0.5*			
White Hispanic ^e	9.1	10.2	8.1	0.5*	0.5*	0.5*			
White Non-Hispanic ^e	10.9	12.7	9.5	0.5*	0.4*	0.4*			
Black	13.6	15.3	12.4	-0.6*	-0.6*	-0.4*			
Asian/Pacific Islander	7.7	8.5	7.2	0.6*	0.7	0.6*			
Amer Ind/Alaska Nat									
Total U.S.	6.4	7.3	5.7	0.4	1.3	-0.2			
CHSDA Counties	8.8	9.9	8.0	1.8*	2.4*	1.3			
Non-CHSDA Counties	3.6	4.4	3.1	-2.0*	-	-			
Hispanic ^e	8.6	9.7	7.7	0.4*	0.3	0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).